

BALDOR® • **RELIANCE**

Product Information Packet

AOM3455

.25HP, 1140RPM, 3PH, 60HZ, 48, 3411M, TEAO, F1

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Part Detail							
Revision:	-	Status:	PRD/A	Change #:		Proprietary:	No
Type:	AC	Prod. Type:	3411M	Elec. Spec:	34WG5882	CD Diagram:	
Enclosure:	TEAO	Mfg Plant:		Mech. Spec:	34K099	Layout:	
Frame:	48	Mounting:	F1	Poles:	06	Created Date:	11-20-2007
Base:	RG	Rotation:	R	Insulation:	F	Eff. Date:	01-04-2008
Leads:	9#18	Literature:		Elec. Diagram:		Replaced By:	

Nameplate NP1256L									
CAT.NO.	AOM3455								
SPEC.	34K099-5882G2								
HP	.25								
VOLTS	230/460								
AMP	1.4/7								
RPM	1140								
FRAME	48	HZ	60	PH	3				
SER.F.	1.00	CODE	K	DES	B	CLASS	F		
NEMA-NOM-EFF	68	PF	51						
RATING	40C AMB-CONT								
CC	USABLE AT 208V			1.5					
DE	6203	ODE	6203						
ENCL	TEAO	SN							

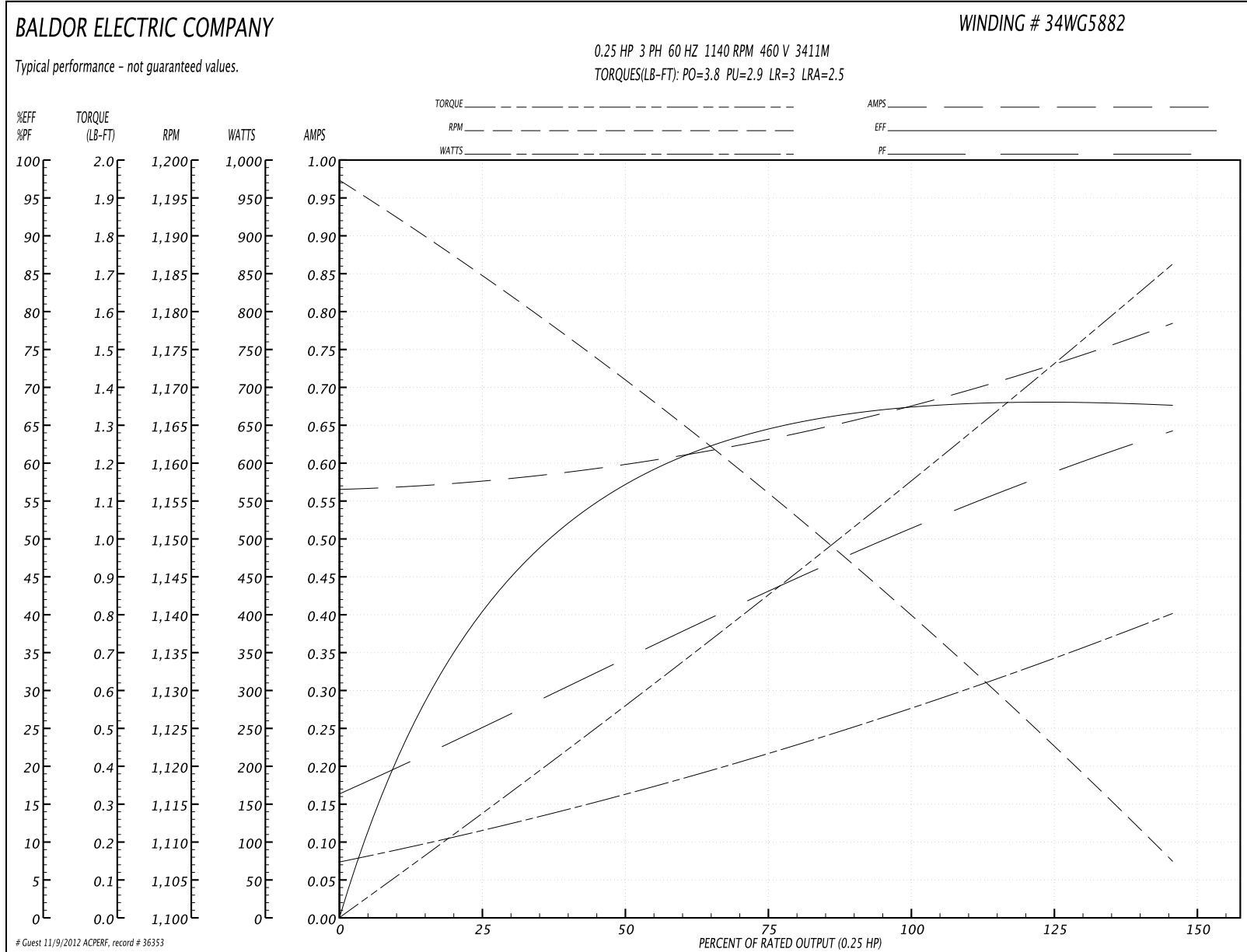
Parts List		
Part Number	Description	Quantity
SA165151	SA 34K099-5882G2	1.000 EA
RA153563	RA 34K099-5882G2	1.000 EA
NS2512A01	INSULATOR, CONDUIT BOX X	1.000 EA
34CB3002A	CB CAST W/.88 DIA HOLE	1.000 EA
34GS1029A01	GASKET, CONDUIT BOX	1.000 EA
51XB1016A07	10-16 X 7/16 HXWSSLD SERTYB	2.000 EA
11XW1032G06	10-32 X .38, TAPTITE II, HEX WSHR SLTD U	1.000 EA
34EP3100A03SP	FR ENDPLATE, MACH	1.000 EA
HW5100A03SP	WAVY WASHER (W1543-017)	1.000 EA
34EP3102A02SP	FR/PU ENDPLATE, MACH	1.000 EA
XY1032A02	10-32 HEX NUT DIRECTIONAL SERRATION	4.000 EA
34CB4517	CB LID 4 MTG HOLES .22 DIA STAMPED, FOR	1.000 EA
34GS1031A01	GASKET, FLAT CONDUIT BOX LID (LEXIDE)	1.000 EA
51XW0832A07	8-32 X .44, TAPTITE II, HEX WSHR SLTD SE	4.000 EA
MG1000G27	PAINT- S9282E CHARCOAL GREY	0.014 GA
10XF0440S02	04-40 X 1/8 TYPE F HEX HD STAINLESS STIC	2.000 EA
HA3100A12	THRUBOLT 10-32 X 7.375	4.000 EA
LC0005E01	CONN.DIA./WARNING LABEL (LC0005/LB1119)	1.000 EA
LB1172A01	CUSTOM MTR CARTON LABEL LASER PRINTER	1.000 EA
LB5040	INSTRUCTION TAG, AC & DC	1.000 EA
NP1256L	ALUM UL CSA CC	1.000 EA
34PA1002	PACKING GROUP, BALDOR	1.000 EA

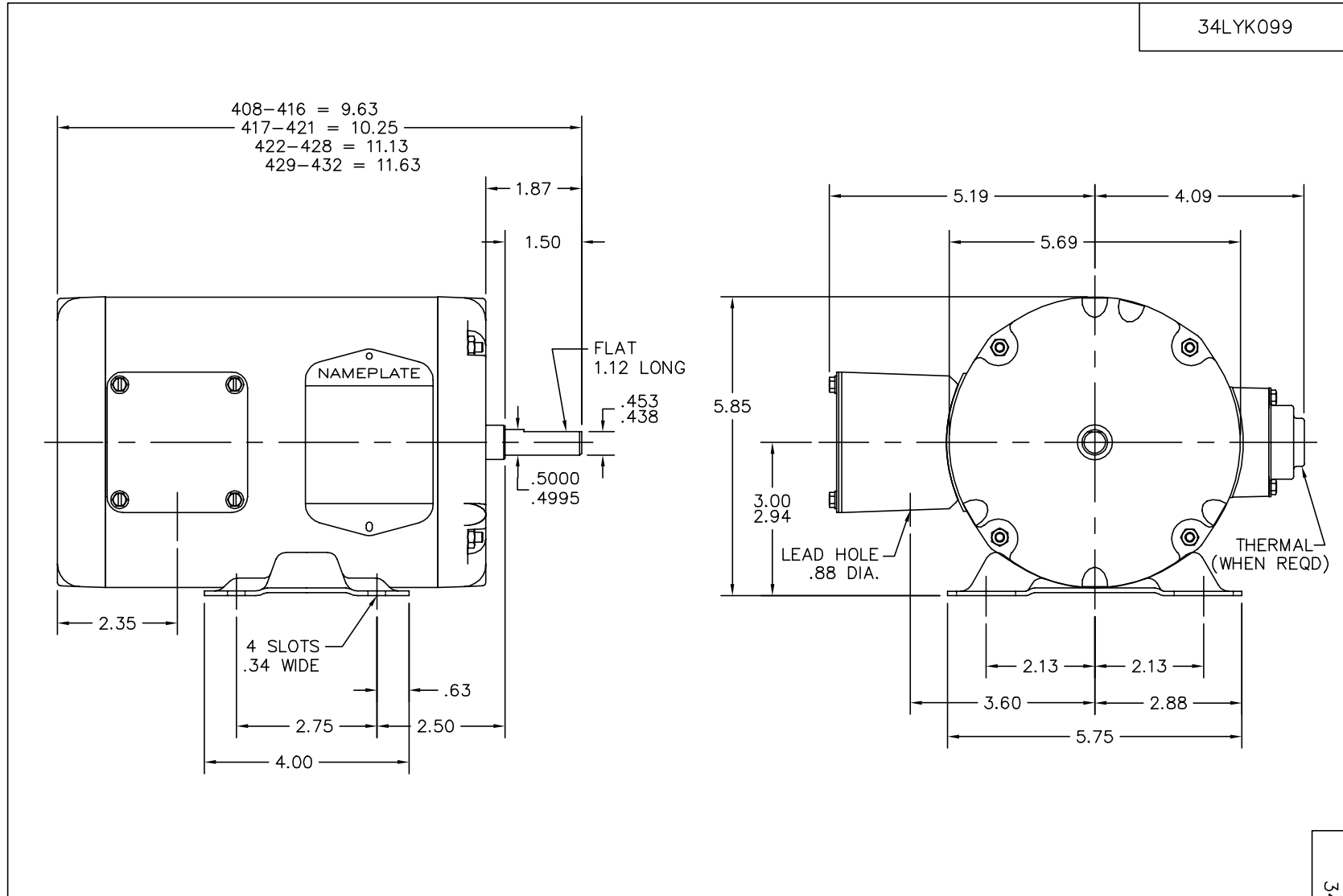
Performance Data at 460V, 60Hz, 0.25HP (Typical performance - Not guaranteed values)

General Characteristics			
Full Load Torque:	1.15 LB-FT	Start Configuration:	DOL
No-Load Current:	0.57 Amps	Break-Down Torque:	3.8 LB-FT
Line-line Res. @ 25°C.:	80.7 Ohms A Ph / 0.0 Ohms B Ph	Pull-Up Torque:	2.9 LB-FT
Temp. Rise @ Rated Load:	41 C	Locked-Rotor Torque:	3.0 LB-FT
Temp. Rise @ S.F. Load:		Starting Current:	2.5 Amps

Load Characteristics							
% of Rated Load	25	50	75	100	125	150	S.F.
Power Factor:	24.0	34.0	43.0	51.0	58.0	61.0	0.0
Efficiency:	44.0	57.0	64.0	67.4	68.0	67.7	0.0
Speed:	1184.0	1171.0	1157.0	1139.0	1122.0	1109.0	0.0
Line Amperes:	0.57	0.6	0.63	0.68	0.73	0.78	0.0

Performance Graph at 460V, 60Hz, 0.25HP Typical performance - Not guaranteed values





CUSTOMER IS RESPONSIBLE FOR DETERMINING THAT MOTOR PERFORMANCE IS SUITABLE IN THE APPLICATION.

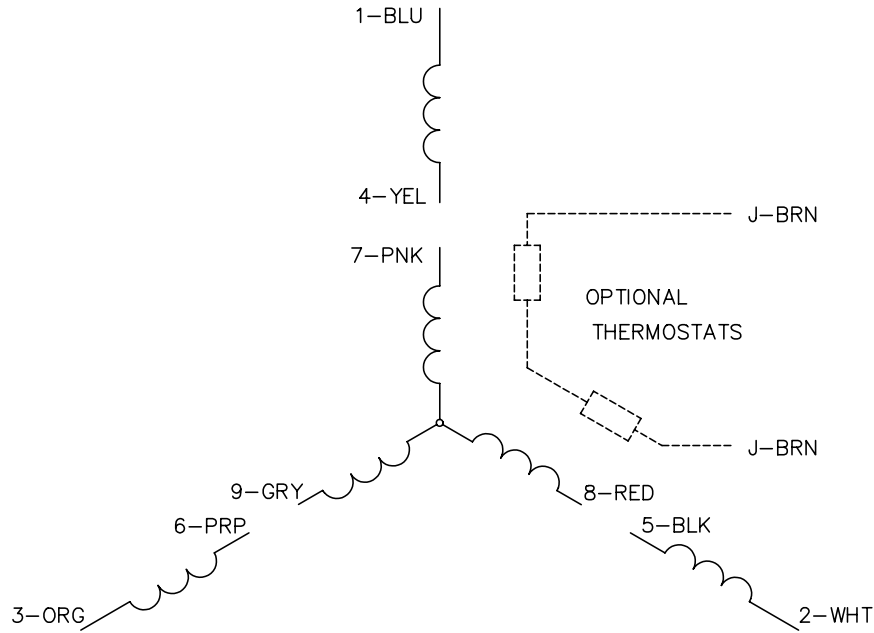
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BALDOR ELECTRIC Co.

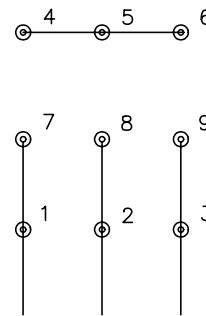
STD HORZ MODEL 34M NEMA 48 TEAO

34LYK099

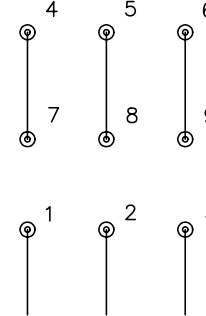
CD0005



LOW VOLTAGE
(2Y)



HIGH VOLTAGE
(1Y)



NOTES:

1. INTERCHANGE ANY TWO LINE LEADS TO REVERSE ROTATION.
2. OPTIONAL THERMOSTATS ARE PROVIDED WHEN SPECIFIED.
3. ACTUAL NUMBER OF INTERNAL PARALLEL CIRCUITS MAY BE A MULTIPLE OF THOSE SHOWN ABOVE.
4. LEAD COLORS ARE OPTIONAL. LEADS MUST ALWAYS BE NUMBERED AS SHOWN.

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3PH, DV, 9 LEADS

CD0005